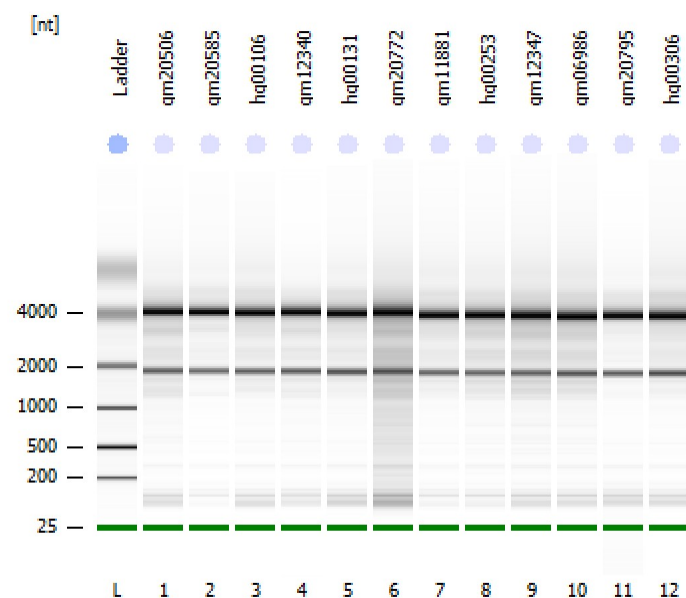


Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04105537_2011-10-18_10-46-00.xad

Created: 10/18/2011 10:45:59 AM
Modified: 10/18/2011 11:09:07 AM

Electrophoresis File Run SummaryInstrument Information:

Instrument Name: DE04105537

Firmware: C.01.069

Serial#: DE04105537

Type: G2938C

Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Nano Series II.xsy

Assay Class: Eukaryote Total RNA Nano

Version: 2.6

Assay Comments: Total RNA Analysis ng sensitivity (Eukaryote)

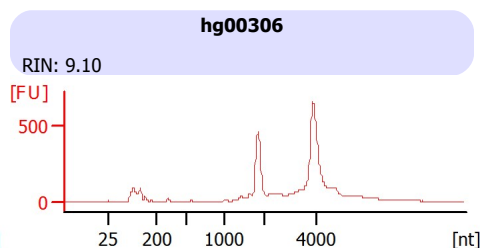
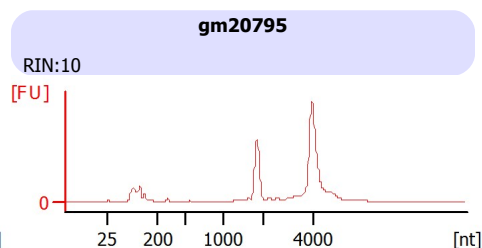
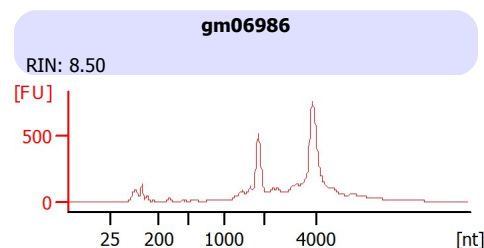
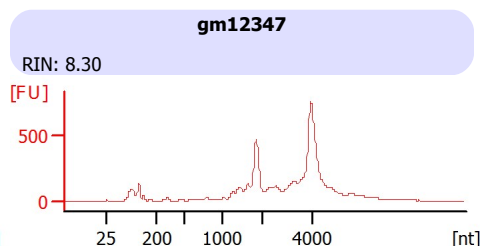
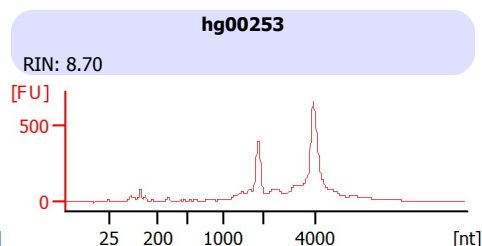
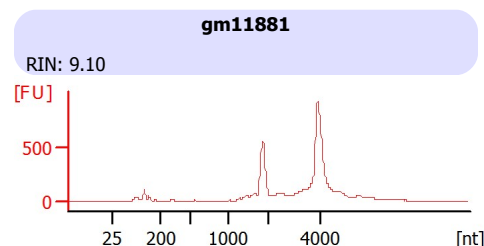
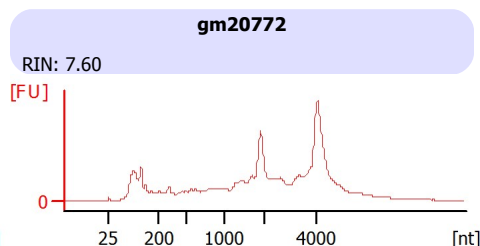
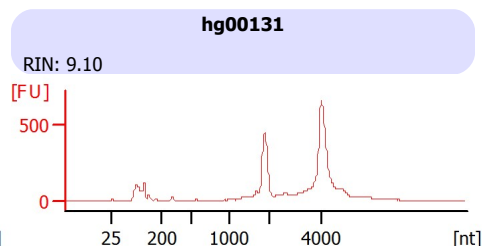
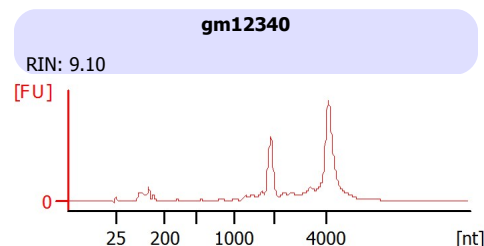
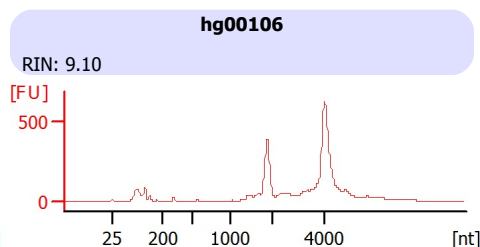
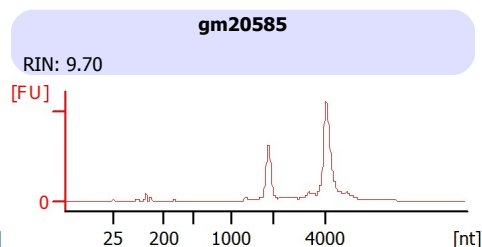
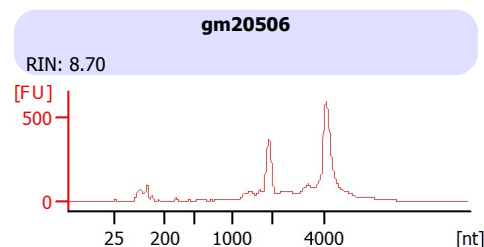
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Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04105537_2011-10-18_10-46-00.xad

Created: 10/18/2011 10:45:59 AM
Modified: 10/18/2011 11:09:07 AM

Electrophoresis File Run Summary (Chip Summary)

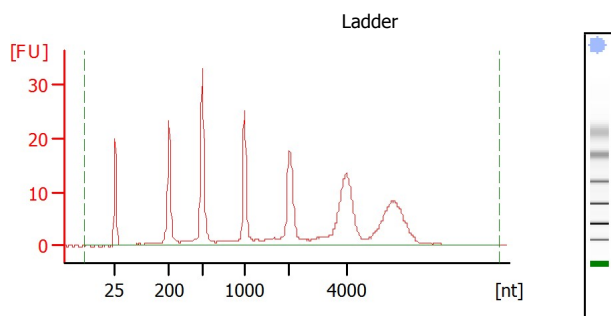
Sample Name	Sample Comment	Status	Result Label	Result Color
gm20506		✓	RIN: 8.70	
gm20585		✓	RIN: 9.70	
hg00106		✓	RIN: 9.10	
gm12340		✓	RIN: 9.10	
hg00131		✓	RIN: 9.10	
gm20772		✓	RIN: 7.60	
gm11881		✓	RIN: 9.10	
hg00253		✓	RIN: 8.70	
gm12347		✓	RIN: 8.30	
gm06986		✓	RIN: 8.50	
gm20795		✓	RIN:10	
hg00306		✓	RIN: 9.10	
Ladder		✓	All Other Samples	

Chip Lot #**Reagent Kit Lot #****Chip Comments :**

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...Eukaryote Total RNA Nano_DE04105537_2011-10-18_10-46-00.xad

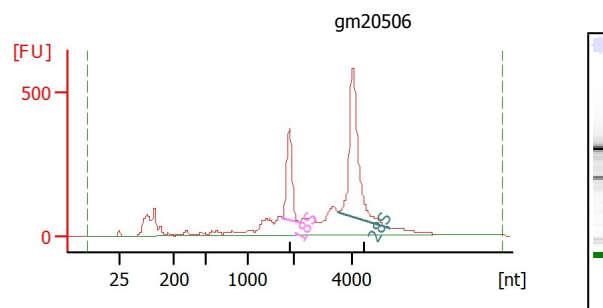
Created: 10/18/2011 10:45:59 AM
 Modified: 10/18/2011 11:09:07 AM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 297.7
 RNA Concentration: 150 ng/μl
 Result Flagging Color:
 Result Flagging Label: All Other Samples

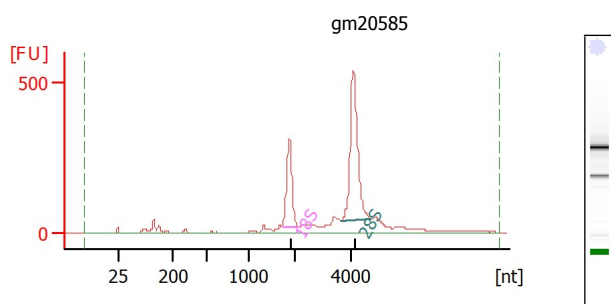


Overall Results for sample 1 : gm20506

RNA Area: 4,769.4
 RNA Concentration: 2,404 ng/μl
 rRNA Ratio [28s / 18s]: 2.3
 RNA Integrity Number (RIN): 8.7 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 8.70

Fragment table for sample 1 : gm20506

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,741	2,193	544.5	11.4
28S	3,555	5,370	1,253.4	26.3

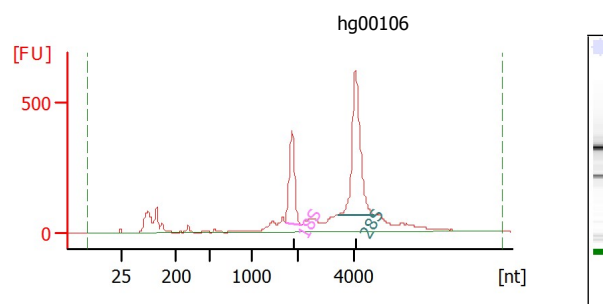


Overall Results for sample 2 : gm20585

RNA Area: 2,791.5
 RNA Concentration: 1,407 ng/μl
 rRNA Ratio [28s / 18s]: 2.0
 RNA Integrity Number (RIN): 9.7 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 9.70

Fragment table for sample 2 : gm20585

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,738	2,183	511.6	18.3
28S	3,649	4,651	1,005.4	36.0



Overall Results for sample 3 : hg00106

RNA Area: 4,392.6
 RNA Concentration: 2,214 ng/μl
 rRNA Ratio [28s / 18s]: 2.0
 RNA Integrity Number (RIN): 9.1 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 9.10

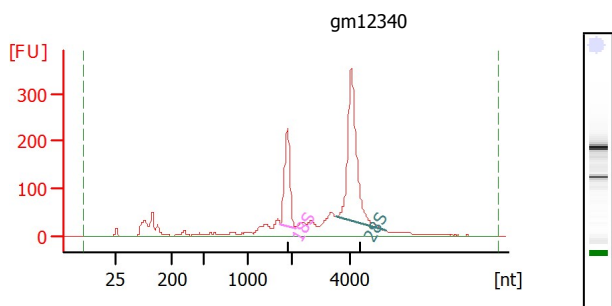
Fragment table for sample 3 : hg00106

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,738	2,154	606.1	13.8
28S	3,431	4,680	1,202.5	27.4

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...Eukaryote Total RNA Nano_DE04105537_2011-10-18_10-46-00.xad

Created: 10/18/2011 10:45:59 AM
 Modified: 10/18/2011 11:09:07 AM

Electropherogram Summary Continued ...

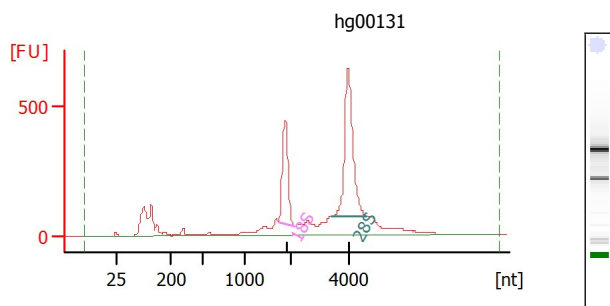


Overall Results for sample 4 : gm12340

RNA Area: 2,428.7
 RNA Concentration: 1,224 ng/μl
 rRNA Ratio [28s / 18s]: 2.1
 RNA Integrity Number (RIN): 9.1 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 9.10

Fragment table for sample 4 : gm12340

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,745	2,123	356.2	14.7
28S	3,520	5,251	760.9	31.3

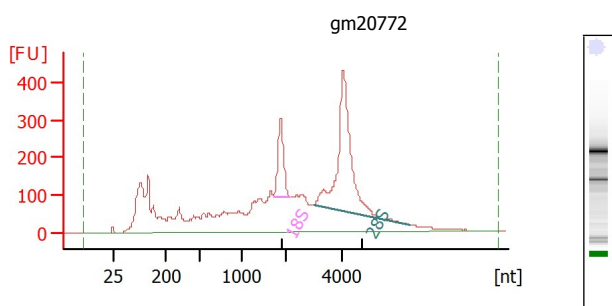


Overall Results for sample 5 : hg00131

RNA Area: 4,837.0
 RNA Concentration: 2,438 ng/μl
 rRNA Ratio [28s / 18s]: 1.8
 RNA Integrity Number (RIN): 9.1 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 9.10

Fragment table for sample 5 : hg00131

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,722	2,149	710.0	14.7
28S	3,394	4,682	1,267.4	26.2

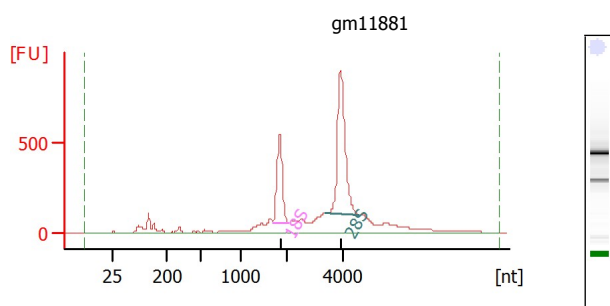


Overall Results for sample 6 : gm20772

RNA Area: 6,882.1
 RNA Concentration: 3,468 ng/μl
 rRNA Ratio [28s / 18s]: 3.7
 RNA Integrity Number (RIN): 7.6 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 7.60

Fragment table for sample 6 : gm20772

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,724	2,173	367.5	5.3
28S	2,957	6,376	1,372.5	19.9



Overall Results for sample 7 : gm11881

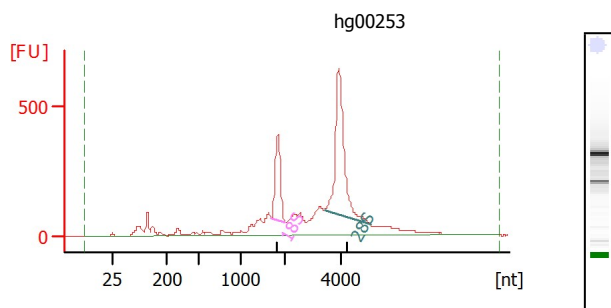
RNA Area: 6,009.4
 RNA Concentration: 3,028 ng/μl
 rRNA Ratio [28s / 18s]: 2.0
 RNA Integrity Number (RIN): 9.1 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 9.10

Fragment table for sample 7 : gm11881

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,703	2,112	844.9	14.1
28S	3,373	4,604	1,701.9	28.3

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04105537_2011-10-18_10-46-00.xad

Created: 10/18/2011 10:45:59 AM
Modified: 10/18/2011 11:09:07 AM

Electropherogram Summary Continued ...**Overall Results for sample 8 : hg00253**

RNA Area: 5,137.4
RNA Concentration: 2,589 ng/μl
rRNA Ratio [28s / 18s]: 2.4
RNA Integrity Number (RIN): 8.7 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 8.70

Fragment table for sample 8 : hg00253

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,700	2,035	550.6	10.7
28S	3,406	5,074	1,345.4	26.2